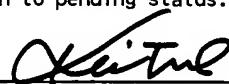


Form PTO-1390 (Rev. 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER NPR-169
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			
INTERNATIONAL APPLICATION NO. PCT/JP2003/013847	INTERNATIONAL FILING DATE October 29, 2003	PRIORITY DATE CLAIMED October 31, 2002	
TITLE OF INVENTION BIODEGRADABLE SUBSTRATE, PROSTHETIC MATERIAL FOR TISSUE REGENERATION, AND CULTURED TISSUE		DATE April 29, 2005	
APPLICANT(S) FOR DO/EO/US Yukihiro MORINAGA, Kazuhisa MATSUDA and Ryosuke KAMIMURA			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). (45 pages and 5 sheets of drawings (Figs. 1-5). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11 to 20 below concern document(s) or information included:			
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:            a. PCT/ISA/210            b. PCT/IB/301            c. PCT/IB/304            d. PCT/IB/308            e. WO 2004/039578 A1 (cover page)            f. English Language Translation of Priority Application with statement         </p>			

U.S. Application No. Not yet assigned <b>10/533307</b>		International Application No. PCT/JP2003/013847		Attorney's Docket No. NPR-169
				CALCULATIONS
The following fees are submitted:				PTO USE ONLY
21. [XX] Basic National Stage Fee . . . . .		\$300.00		\$ 300.00
22. [XX] Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) . . . . .		\$100.00		
All other situations . . . . .		\$200.00		\$ 200.00
23. [XX] Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority . . . . .		\$100.00		
International Search Report prepared and provided to the Office . . . . .		\$400.00		
All other situations . . . . .		\$500.00		\$ 400.00
TOTAL OF 21, 22 AND 23 =				\$ 900.00
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				
National Stage Application Size Fee - If the specification and drawings exceed 100 sheets, the application size fee due is \$250.00 for each additional 50 sheets or fraction thereof.				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	21 - 20	1	x \$ 50.00	\$ 50.00
Indep. claims	2 - 3		x \$ 200.00	\$ 0.00
Multiple dependent claim(s) (if applicable)			+ \$ 360.00	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =				\$ 950.00
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$ 0.00
SUB TOTAL =				\$ 950.00
Processing fee \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00
TOTAL NATIONAL FEE =				\$ 950.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00
TOTAL FEES ENCLOSED =				\$ 990.00
		Amount to be refunded:		\$
		charged		\$
<p>a. [XX] Payment in the amount of \$990.00 is authorized by credit card (PTO-2038).  b. [ ] Check in the amount of \$*.00 to cover the above fees is enclosed.  c. [ ] Please charge my Deposit Account No. <u>111833</u> in the amount of \$____ to cover the above fees.  d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>111833</u>.</p>				
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</p>				
SEND ALL CORRESPONDENCE TO: KUBOVCIK & KUBOVCIK The Farragut Building Suite 710 900 17th Street, N.W. Washington, D.C. 20006		 Signature Keiko Tanaka Kubovcik Name 40,428 Registration Number April 29, 2005 Date		

TKK/jbf

10/533307  
JC17 Rec'd PCT/PTO 29 APR 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

Intl. Appl.  
No. : PCT/JP2003/013847

Applicant : Yukihiro MORINAGA et al.

Intl. Appl.  
Filed : October 29, 2003

TC/A.U. : Not Assigned

Examiner : Not Assigned

Dkt. No. : NPR-169

Cust. No. : 20374

TRANSMITTAL OF ENGLISH LANGUAGE TRANSLATION  
OF PRIORITY APPLICATION & STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 29, 2005

Sir:

Applicants submit herewith an English language translation of the Japanese priority application, Japanese Patent Application No. 2002-319169, for the United States patent application identified above, with a statement that the translation is accurate. The present application is a 371 of PCT/JP2003/013847 which is based on JP 2002-319169.

10/533307

JC17 Rec'd CT/PTO 29 APR 2005

U.S National Stage of PCT/JP2003/013847  
ENGLISH LANGUAGE TRANSLATION  
OF PRIORITY APPLICATION & STATEMENT

In the event any fees are required, please charge our Deposit  
Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
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Enclosure: English Language Translation of Priority  
Application w/ Statement